

Peak District National Park

Forecast valid from 00:00 on Saturday 30 Jan 2021 until 23:59 on Sunday 31 Jan 2021

Forecast Issued on Friday 29 Jan 2021 at 10:48

Confidence: High for overall developments, becoming medium from Monday, but lower confidence for amounts of snow over the weekend.

Headline for Saturday 30 Jan 2021: Mostly cloudy with perhaps a little snow through the morning, but dry in afternoon and becoming brighter. Cold.

Mountain weather hazards on Saturday 30 Jan 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Medium Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Dull	Dull	Cloudy	Cloudy	Cloudy	Partly cloudy (night)	Clear night
Precipitation probability							
20%	20%	20%	20%	<05%	00%	00%	00%

Forecast for Saturday 30 Jan 2021

Weather: Cloudy with a little sleet or snow in early hours, but cloud thickening overnight. Possibly some snow flurries later in night, but northwards extent of snow is still uncertain. Cloudy through Saturday morning with perhaps a little snow, but dry in afternoon and becoming brighter. Cloud breaking in evening with a sharp frost and icy conditions.

Chance of cloud free mountain/hill tops above 600m: 40%, with mostly extensive cloud down to 600m, but lower in any snow. 90% or better chance in evening as cloud breaks up.

Visibility: Moderate to good, with a haze in air at first, but poor in any snow. Becoming very good in afternoon.

Forecast for Saturday 30 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/27 E	24/33 E	29/40 E	29/40 E	29/41 E	25/37 E	21/31 E	19/29 E	17/26 E
300	17/27 E	18/30 E	21/35 E	23/36 E	23/36 E	20/32 E	17/28 E	14/24 E	9/17 E
Valley	15/30 E	17/34 E	20/40 E	20/41 E	19/38 E	17/34 E	13/29 E	11/26 E	7/19 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-8	-2/-9	-2/-11	-2/-11	-2/-10	-1/-9	-2/-10	-3/-10	-3/-9
300	2/-4	1/-5	0/-6	0/-6	1/-5	2/-5	1/-5	-0/-6	-1/-5
Valley	2/-3	2/-4	1/-5	1/-5	2/-4	2/-3	1/-4	0/-5	-1/-4
Freezing Level*	500m	300m	300m	200m	200m	200m	100m	00m	00m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A significant chill should be expected.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 29 Jan 2021	12.4mm	36.8mm	45.8mm

Forecast for Sunday 31 Jan 2021

Weather: Dry, cold, but sunny start, but high cloud will spread over area in morning. Cloud thickening and lowering in afternoon with risk of a little snow in evening. Very cold with a significant chill.

Maximum wind: East or southeast 15 mph increasing 25 gust 35mph in morning, but decreasing 15-20mph later

Chance of cloud free mountain/hill tops above 600m: 90% for the bulk of daylight hours, with cloud above tops, but 30% by the evening with more extensive cloud down to 600m, but possibly 450m in any snow.

Visibility: Good or very good, becoming hazier late afternoon and moderate or poor in any snow later

Temperature: **Valleys:** Minus 2 C rising to plus 1 or 2 C
At 600m: Minus 5 C
Freezing level: All levels, but 200 to 300m later